

BIBLIOGRAPHY

C. FITZHUGH TALMAN, Meteorologist in Charge of Library

RECENT ADDITIONS

The following have been selected from among the titles of books recently received as representing those most likely to be useful to Weather Bureau officials in their meteorological work and studies:

- Abbot, C. G.**
Group of solar changes. Washington. 1927. 16 p. figs. 24½ cm. (Smith. misc. coll. v. 80, no. 2.) (Pub. 2916.)
- Ångström, Anders.**
Recording nocturnal radiation. Stockholm. 1927. 12 p. illus. plate. 31½ cm. (Medd. Statens met.-hydrog. anstalt. Bd. 3, N:o. 12.)
- Brazil. Directoria de meteorologia.**
Atlas de nuvens. n. p. 1924. 8 plates. 34½ cm.
- Ferraz de Carvalho, Anselmo.**
Clima de Coimbra . . . Resumo das observações feitas no Observatório meteorológico da Universidade de Coimbra desde 1866 . . . Lisboa. 1922. 73,114 p. figs. plates. 32½ cm.
- Hartnack, Wilhelm.**
Wanderdünen Pommerns, ihre Form und Entstehung. Greifswald. 1925. vi, 112 p. illus. plate. 24½ cm.
- Jaeger, Fritz.**
Forschungen über das diluviale Klima in Mexico. Gotha. 1926. viii, 64 p. plates (part fold.) 28 cm. (Petermanns Mitteilungen, Ergänzungsheft Nr. 190.)
- Mallory, Walter Hampton.**
China: land of famine . . . New York. 1926. xvi, 199 p. incl. front. illus. maps. 26 cm. (Amer. geographical soc. Spec. pub. no. 6.) [Includes discussion of rainfall, drought, floods, etc.]
- Martonne, Emm. de.**
Une nouvelle fonction climatologique: l'indice d'aridité. 10 p. figs. plate. 27½ cm. (Extr.: La Météorologie, oct., 1926.)
- Mawson, Douglas.**
Records of the aurora polaris. Sydney. 1925. 191 p. figs. plates. 30½ cm. (Australasian Antarctic exped. 1911-14 Sci. rep. ser. B. v. 2. Terr. mag. & related observ. pt. 1.)
- Niblack, A. P.**
Ocean currents in relation to oceanography, marine biology, meteorology and hydrography. Monaco. 1927. 43 p. 27½ cm. (Internat. hydrog. bur. Spec. pub. no. 19, March, 1927.)
- Sen, Sachindra Nath.**
On the design of the Kew pattern barometer. London. 1925. p. 203-225. plates. diags. 31 cm. (Great Brit. met. off. Geophys. mem. no. 27 (v. 3, no. 7).)
- Shaw, William Napier.**
Manual of meteorology. v. 1. Cambridge. 1926. xx, 339 p. illus. plates. ports. diags. (part fold.) 27 cm.
- Smith, Wesley L.**
How I fly at night. p. 228-233. illus. 29 cm. (Journ. soc. automotive engin., N. Y. v. 19, Sept., 1926.)
- Stifel, Richard E.**
Every cloud has a foggy lining. p. 65-66. illus. 29½ cm. (Hygeia. Feb., 1927. v. 5, no. 2. (Chicago: Amer. med. assoc.))
- Tucker, W. M.**
Cloud types. p. 79-82. 22½ cm. (Proc. Indiana acad. sci.)
- Wiese, W.**
Polareis und atmosphärische Schwankungen. p. 273-299. diagr. 24½ cm. (Geografiska annaler, H. 3 och 4, 1924.)
- Young, H. C., & May, Curtis.**
Timing of apple scab sprays. 28 p. illus. 23 cm. (Ohio agric. exper. sta. Bull. no. 403, March, 1927.)

RECENT PAPERS BEARING ON METEOROLOGY

The following titles have been selected from the contents of the periodicals and serials recently received in the library of the Weather Bureau. The titles selected are of papers and other communications bearing on meteorology and cognate branches of science. This is not a complete index of all the journals from which it has been compiled. It shows only the articles that

appear to the compiler likely to be of particular interest in connection with the work of the Weather Bureau.

- Annalen der Hydrographie und maritimen Meteorologie. Berlin. 55. Jahrgang. 1927.*
- Baur, Franz.** Wert und Verwertung von Beziehungsgleichungen zur Voraussage von Mittelwerten der Wetterelemente für grössere Zeitabschnitte. p. 36-41. (Februar.)
- Petersen, P.** Die Eisverhältnisse des Winters 1925/26 in den ausserdeutschen europäischen Gewässern. p. 18-21. (Januar.) p. 41-49. (Februar.)
- Wegener, Kurt.** Die Plata-Stürme vom 10.-11. Juli 1923 und 10.-11. Januar 1925. p. 33-36. (Februar.)
- Astrophysical journal. Chicago. v. 64. March 1927.*
- Lindemann, F. A.** Note on the physical theory of meteors. p. 117-123.
- Aviation. New York. v. 22. 1927.*
- McAdie, Alexander.** The fliers' aspects of aerography. Electric storms present certain hazards. Few cases of planes being struck. One on record proved inconsequential. p. 571-573. (March 21.)
- Andrus, C. G.** Airways aerological work. How the Weather bureau stations function to provide air mail pilots with accurate weather information. p. 778-779. (April 18.)
- Beiträge zur Geophysik. Leipzig. 16. Band, 1/2. Heft. 1927.*
- Kartschagin, W., & Sweschnikowa, M.** Über den Tagesgang der Sonnenstrahlung und der vom Zenith kommenden zerstreuten Himmelsstrahlung. p. 54-65.
- Milch, W.** Über die Extinktion der langwelligen und der kurzwelligen Sonnenstrahlung in der Atmosphäre der Erde. p. 66-107.
- British astronomical association. Journal. London. v. 37. March, 1927.*
- Kuiper, P. Feenstra.** The green ray. p. 231-235.
- Ecology. Brooklyn. v. 8. April, 1927.*
- Shantz, H. L.** Drought resistance and soil moisture. p. 145-157.
- Stantchinsky, V. V.** Some climatic limits in the extension of birds in eastern Europe. p. 232-237.
- Engineering news-record. New York. v. 98. April 28, 1927.*
- Notes on heavy rainfall** April 15-16 at New Orleans and vicinity. p. 697.
- France. Académie des sciences. Comptes rendus. Paris. t. 184. 1927.*
- Lakhovsky, Georges.** Influence des rayonnements astraux sur l'oscillation des cellules vivantes. p. 907. (4 avril.)
- Mémery, Henri.** L'influence des radiations astrales sur les vins. p. 908-909. (4 avril.)
- Moreux, Th.** Sur l'activité solaire et certains phénomènes de végétation. p. 1090-1091. (2 mai.)
- Franklin institute. Journal. Philadelphia. v. 203. May, 1927.*
- Barnes, Howard T.** Thermit and icebergs. p. 611-634.
- General electric review. Schenectady. v. 30. 1927.*
- Peek, F. W., Jr.** The protection of oil tanks and reservoirs against lightning. p. 117. (Feb.) [Extract from art. in Journ. A. I. E. E.]
- Lee, Everett S., & Foust, C. M.** Measurement of surge voltages on transmission lines due to lightning. p. 135-145. (March.)
- Mitsuda, R.** Lightning survey in Japan. p. 124-128. (March.)
- Geografiska annaler. Stockholm. Årg. 9. H. 1-2. 1927.*
- Ahlmann, Hans W:son.** Physico-geographical researches in the Horung massif, Jotunheim. p. 9-66.
- Ångström, Anders.** Probleme und Aufgaben der meteorologischen Strahlungsforschung. p. 144-148.
- Bäckman, Allan.** L'influence de l'altitude et de la position géographique sur la température de l'air dans la région sud-ouest de la Suède. p. 133-141.
- Exner, Felix M.** Über Dünen und Sandwellen. p. 81-99.
- Johansson, Osc. V.** Die Temperaturänderung mit der Höhe an der Erdoberfläche in Skandinavien. p. 109-132.
- Hemel en dampkring. Den Haag. 25 jaargang. Mei 1927.*
- Schoute, C.** Loodsballon- en stralingswaarnemingen gedurende een reis met het S. S. Gelria naar Buenos Aires. p. 153-166.
- Iberica. Tortosa. Año 14. 7 mayo 1927.*
- L., A. F.** El huracán de 1926 en la Habana. p. 300-302.